

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

1. (Currently Amended)

A process for manufacturing a fibrin membrane, characterized in that it comprises the steps of:

- a) adding a physiological coagulating agent to blood plasma, up to gelling and clot formation;
- b) removing the a transudate from said blood clot by means of physiologic a physiological absorbent agents agent to form a membrane;
- c) washing said blood-clot membrane with a dehydrating and a softening agents agent; and
- d) drying and sterilizing said dehydrated-blood-clot washed membrane.

2. (Currently Amended)

The process according to claim 1, characterized in that said physiological clotting coagulating agent is calcium chloride.

3. (Currently Amended)

The process according to claim 1 or 2, characterized in that said physiological absorbent agents are agent is an inorganic salts salt.

4. (Currently Amended)

The process according to claim 3, characterized in that said inorganic salts are salt is NaCl, NaHCO₃, or a mixture thereof.

5. (Currently Amended)

The process according to one of the previous claims claim 1, characterized in that said

softening agents are low-boiling alcohols agent is an alcohol in propane-triol, in particular ethanol in propane-triol.

6. (Withdrawn)

A fibrin membrane, characterized in that it is obtained by a process according to one or more previous claims.

7. (Withdrawn)

The fibrin membrane according to claim 6, characterized in that it shows a modulus of elasticity between 0.070 and 2.600 N/mm.

8. (Withdrawn)

The fibrin membrane according to claim 6 or 7, characterized in that it shows a breaking limit between 0.030 and 0.350 N/mm.

9. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 8, characterized in that it shows a proportionality limit tension/strain between 0.025 and 0.085 N/mm.

10. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 9, characterized in that it is soaked with disinfectant agents.

11. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 10, characterized in that it is soaked with drugs.

12. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 11, characterized in that it is soaked with tissue growth factors.

13. (New)

The process according to claim 5, characterized in that said alcohol in propane-triol is ethanol in propane-triol.